

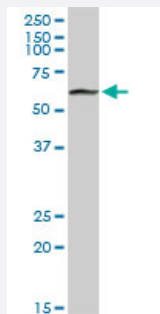
MaxPab®

PGM1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005236-D01P

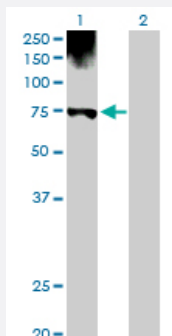
Size 100 ug

Applications



Western Blot (Tissue lysate)

PGM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of PGM1 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of PGM1 expression in transfected 293T cell line ([H00005236-T01](#)) by PGM1 MaxPab polyclonal antibody.

Lane 1: PGM1 transfected lysate(61.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PGM1 protein.

Immunogen

PGM1 (NP_002624.2, 1 a.a. ~ 562 a.a) full-length human protein.

Sequence	MVKIVTVKTQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIISTVEPAQRQEATLVVGGDGRFY MKEAIQLIARIAAANGIGRLVIGQNGILSTPAVSCIIRKKAIGGILTASHNPGGPNGDFGIKFNISNGGP APEAITDKIFQISKTIEEYAVCPDLKVDLGVLGKQQFDLENKFKPFTVEMDSVEAYATMLRSIFDFS ALKELLSGPNRLKIRIDAMHGTVGPYVKKILCEELGAPANSVNCVPLEDFGGHHPDNLTYAADL VETMKSGEHDFGAAFDGDGDRNMILKGHGFFVNPSDSVAVIAANIFSIPYFQQTGVRGFARSMPT SGALDRVASATKIALYETPTGWKFFGNLMDASKLSLCGEESFGTGSDDHIREKDGLWAVLAWLSIL ATRKQSVEDILKDHQWKYGRNFFTRYDYEEVEAEGANKMMKDLEALMFDRSFVGKQFSANDKV YTVEKADNFEYSDPVDGSGSRNQGLRLIFTDGSRVFRLSGTGSAGATIRLYDSYEKDVAKINQDPQ VMLAPLISIALKVSQQLQERTGRTAPTIVT
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PGM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of PGM1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PGM1 expression in transfected 293T cell line ([H00005236-T01](#)) by PGM1 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PGM1

Entrez GeneID	5236
GeneBank Accession#	NM_002633.2
Protein Accession#	NP_002624.2

Gene Name	PGM1
Gene Alias	-
Gene Description	phosphoglucomutase 1
Omim ID	171900
Gene Ontology	Hyperlink
Gene Summary	Phosphoglucomutases (PGM; EC 5.4.2.2) catalyze the transfer of phosphate between the 1 and 6 positions of glucose. Isozymes of PGM are monomeric, with molecular masses of about 60 kD, and are encoded by several genes, including PGM1. In most cell types, PGM1 isozymes predominate, representing about 90% of total PGM activity. One exception is red cells, where PGM2 (MIM 172000) is a major isozyme (Putt et al., 1993 [PubMed 8257433]).[supplied by OMIM]
Other Designations	OTTHUMP00000010519 OTTHUMP00000046842

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Galactose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)
- [Starch and sucrose metabolism](#)
- [Streptomycin biosynthesis](#)

Disease

- [Birth Weight](#)
- [Body Weight](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)

- [Tuberculosis](#)